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INI	TIAL	2000		Kind	DATE	NAME		CLASS	IP APPI	ROPR LATE
	BT/	US	6,355,185	B1	2002-03-12	Kubota				
/(BT/	US 2	003/0134156	A1	2003-07-17	Kim et al.				
	-			FOR	REIGN PATENT	DOCUMENTS				
		Office	DOCUMENT	Kind	DATE	COUNTRY	CLASS	SUB CLASS	TRANS	LATION
<u> </u>	/BT/	UK	NUMBER 2161647	A	1986-01-15	UNITED VINCEOM			YES	МО
<u> </u>	1017	JP	03-283583	A	1986-01-13	UNITED KINGDOM			220	
<u> </u>	lacksquare	SG	9703488-8		1991-12-13	JAPAN SINGAPORE			ABS	
!	BT/	JP	2000-315827		2000-11-14	JAPAN			ABS	
		<u> </u>								
journ	Al, ser	rial, symposi	um, catalog, etc.) date,	page(s), vo	lume-issue number(s), publ	citle of the article (when appropr isher, city and/or country where p	ublished.			magasine,
	BT/	ferroe	lectric thick	films",	Sensors and Ac	sed on piezoelectric tuators A, Vol. 31,	Pages	153-158	of 8, (19	92)
		Microe	lectronics Int	ernatio	nal, No. 38, Pa	ilm Materials and Se ges 5-11, (September	r 1995)		
		on Al ₂ 0	O ₃ ", Journal of	Materi	als Science, Vo	cture of porous and 1. 30, Pages 5399-54	404, (1995)		lms
		zircon	ate titanate t	hick fi	erroelectric, a lms on silicone (April 1, 1995	nd piezoelectric pro substrate," Journal)	operti l Appl	es of le ied Phys	ead sics,	Vol.
		Transa	et al., "Elast ctions on Ultr 73-77, (Januar	asonics	, Ferroelectric	s Based on Piezoeled s, and Frequency Cor	etric ntrol,	Thick-Fi Vol. 43	ilms", 3, No.	IEEE 1,
		Maas e Pages	t al., "Thick- 109-112, (1997	film pr)	inting of PZT o	nto silicon", Materi	ials L	etter, \	Vol. 3	1,
		Ferrar Scienc	i et al., "Thi e Technology,	ck-film Vol. 8,	resonant piezo Pages 42-48, (-layers as new gravi 1997)	imetri	c sensor	cs", Mo	eas.
		Yao et al., "Improved preparation procedure and properties for multiplayer piezoelectric thick-film actuator", Sensors and Actuators, Vol. A71, Pages 139-143, (1998)						43,		
		Akiyam Substr	a et al., "Dev ates", Jpn. J.	elopmen Appl.	t of Lead Zirco Phys., Vol. 38,	nate Titanate Family Pages 5524-5527, (1	/ Thic 1999)	k Films	on Va	rious
		Beeby Letter	et al., "Thick s, Vol. 35, No	film P 23, P.	ZT/micromachine ages 2060-2062,	d silicon accelerome (November 11, 1999)	eter",	Electro	onics	
	/BT/	on res	i et al., "Mul onant piezo-la 81-87, (2000)	tisenso yers of	r array of mass screen-printed	microbalances for c PZT", Sensors and A	chemic Actuat	al detec ors, Vol	ction l	pased
	INER		Talbot/				5/2007			
BXAMI	TER: In	itial if cite	stion considered, whether	or not cita	tion is in conformance wit	h M.P.E.P. 609; Draw line through	citation	if not in con	formance a	nd not

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/BT/	the pi	ezoelectric p	roperties	vestigation int s of thick-film 526-531, (2000)	o the effect of m PZT layers on si	odified licon",	firing p Meas. So	profiles on cience
. /BT/	Beeby excita (2001)	et al., "Sili tion and dete	con micro	omechanical res chanisms", Sens	onator with thick ors and Actuators	-film pr , Vol. A	inted v 88, Page	ibration es 189-197,
/BT/	Thiele et al., "Processing and Properties of Screen-Printed Lead Zirconate Titanate Piezoelectric Thick Films on Electroded Silicon", J. Am. Ceram. Soc., Vol. 84, No. 12, Pages 2863-2868, (2001)					Titanate 84, No.		
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EXAMINER	/Brian Ta	lbot/		W	DATE CONSIDERED 04/25/2007		_	
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		•		Application Number	10/680,229-Conf. #5826	
11	NFORMATIO	N DI	SCLOSURE	Filing Date	October 8, 2003	
S	TATEMENT	BY /	APPLICANT	First Named Inventor	Kui YAO	
				Art Unit	1762	
	(Use as many s	sheets as	necessary)	Examiner Name	B. K. Talbot	
Sheet	1	of	1	Attorney Docket Number	4249-0112P	

U.S. PATENT DOCUMENTS							
Examiner	Cite	Document Number	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where		
tnitials*	No.1	Number-Kind Code ² (if known)	MM-DD-YYYY		Relevant Passages or Relevant Figures Appear		
/BT/	AA*	US-2002/0171182-A1	11-21-2002	Kim et al.			

	•	FOREIG	ON PATENT (DOCUMENTS	•	
Examiner	Cite	Foreign Patent Document	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where Relevant Passages	
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